

Project Title	Funding	Strategic Plan Objective	Institution
Comprehensive phenotypic characterization of the 17q12 deletion syndrome	\$0	Q2.S.G	Weis Center for Research - Geisinger Clinic
Early parent-infant coordination and later language in infants at risk for ASD	\$43,120	Q1.L.A	University of Pittsburgh
Change-sensitive Measurement of Emotion Dysregulation in ASD	\$491,098	Q1.Other	University of Pittsburgh
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$302,248	Q3.S.A	University of Pittsburgh
3/4 - The Autism Sequencing Consortium: Autism gene discovery in >20,000 exomes	\$65,732	Q3.S.A	University of Pittsburgh
Interactome perturbation by large-scale mutagenesis to find risk variants - Project 1	\$24,172	Q3.Other	University of Pittsburgh
A history of behavioral genetics	\$0	Q3.Other	University of Pittsburgh
Durability of Neuroplasticity Changes from Cognitive Enhancement Therapy	\$0	Q4.S.C	University of Pittsburgh
Efficacy of Parent-Child Interaction Therapy with ASD	\$49,214	Q4.S.C	University of Pittsburgh
Cognitive Enhancement Therapy for Adult Autism Spectrum Disorder	\$730,393	Q4.S.F	University of Pittsburgh
A randomized clinical trial of cognitive enhancement therapy for adults with autism spectrum disorders	\$0	Q4.S.F	University of Pittsburgh
Early intervention/early childhood special education autism specialization	\$250,000	Q5.Other	University of Pittsburgh
Stress as a Predictor of Outcomes for Adults with Autism Spectrum Disorders	\$0	Q6.Other	University of Pittsburgh
Undergraduate Research Award	\$0	Q6.Other	University of Pittsburgh
University of Pittsburgh ATN 2014	\$70,982	Q7.N	University of Pittsburgh
Developing Automated Algorithms to Assess Linguistic Variation in Individuals with Autism	\$0	Q1.L.C	University of Pennsylvania
Early Life Seizures Disrupt Critical Period Plasticity	\$413,020	Q2.S.E	University of Pennsylvania
Early Life Seizures Disrupt Critical Period Plasticity	\$135,045	Q2.S.E	University of Pennsylvania
Statistical methodology and analysis of the Simons Simplex Collection and related data	\$197,422	Q2.S.G	University of Pennsylvania
Magnetoencephalographic studies of lexical processing and abstraction in autism	\$306,829	Q2.Other	University of Pennsylvania
3/3-Sequencing Autism Spectrum Disorder Extended Pedigrees	\$160,000	Q3.L.B	University of Pennsylvania
Centers for Autism and Developmental Disabilities Research and Epidemiology (CADDRE) - Pennsylvania	\$900,000	Q3.L.D	University of Pennsylvania
Examination of the mGluR-mTOR pathway for the identification of potential therapeutic targets to treat fragile X	\$0	Q4.S.B	University of Pennsylvania
Comprehensive Phenotyping of Autism Mouse Models	\$0	Q4.S.B	University of Pennsylvania

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Safety, Efficacy and Basis of Oxytocin and Brain Stimulation Therapy in ASD	\$114,583	Q4.S.B	University of Pennsylvania
Tailored behavioral intervention for insomnia in children with autism spectrum disorders	\$0	Q4.S.H	University of Pennsylvania
Undergraduate Research Award	\$0	Q4.L.D	University of Pennsylvania
Which placement for which child? Moderators of outcome in an urban early intervention system	\$93,889	Q4.L.D	University of Pennsylvania
Multi-Site, Randomized, Controlled Implementation Trial of an Evidence-Based, Adult and Peer-Mediated Social Skills Intervention for Elementary School Children with Autism Spectrum Disorder	\$40,000	Q5.S.C	University of Pennsylvania
Services to enhance social functioning in adults with autism spectrum disorder	\$249,867	Q5.L.A	University of Pennsylvania
RCT of TeachTown in Autism Support Classrooms: Innovation and Exnovation	\$751,181	Q5.L.B	University of Pennsylvania
Evaluating the Effects of Autism Insurance Mandates	\$623,689	Q5.Other	University of Pennsylvania
Clinical algorithm for identifying adult autism	\$240,000	Q6.S.C	University of Pennsylvania
Uncovering the impact of 16p11.2del on neurons mediating motivated behavior	\$124,957	Q4.S.B	The Trustees of the University of Pennsylvania
SFARI Undergraduate Summer Research Program	\$24,662	Q7.K	The Trustees of the University of Pennsylvania
(SDAS) Family Adversity and Health Disparities for Young Children with Autism	\$100,000	Q1.S.C	Temple University
3/3 Treatment of anxiety in autism spectrum disorder	\$185,444	Q4.S.A	Temple University
Using Experience Sampling to Evaluate the Effects of Social Skills Treatment	\$5,000	Q4.S.C	Perelman School of Medicine at University of Pennsylvania
Identifying Patterns of Genetic Variants Conferring Risk for Neurodevelopmental Disorders	\$29,987	Q3.L.B	Pennsylvania State University
Penn State AAC Leadership Project: Preparing faculty in AAC research & personnel preparation to improve services & results for high-need children with severe communication disorders	\$249,982	Q5.L.C	Pennsylvania State University
Penn State Children's Communicative Competence Project	\$249,721	Q5.Other	Pennsylvania State University
SBIR Phase I: Using Data Mining to Optimally Customize Therapy for Individuals with Autism	\$169,999	Q4.Other	Guiding Technologies Corporation
GENE DOSAGE IMBALANCE IN NEURODEVELOPMENTAL DISORDERS	\$689,203	Q1.S.E	GEISINGER CLINIC
Pupillometry: A biomarker of the locus coeruleus and hyperfocused attention	\$60,000	Q1.L.B	Geisinger Clinic
Simons Variation in Individuals Project (VIP) Recruitment Core and Phase 2 Coordination Site	\$436,237	Q2.S.G	Geisinger Clinic

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Dimensional analysis of developmental brain disorders using an online, genome-first approach	\$667,178	Q2.S.G	Geisinger Clinic
Identifying the gene in 17q12 responsible for neuropsychiatric phenotypes	\$0	Q2.S.G	Geisinger Clinic
Early Detection of Autism Spectrum Disorder	\$595,065	Q1.S.B	DREXEL UNIVERSITY
The Autism Spectrum Addendum (ASA) for the Anxiety Disorders Interview Schedule	\$0	Q1.S.B	Drexel University
Presynaptic Fragile X Proteins	\$249,000	Q2.S.D	DREXEL UNIVERSITY
Prenatal Antimicrobial Agent Exposure, Fetal Androgens and ASD Risk	\$273,875	Q3.S.B	DREXEL UNIVERSITY
Concluding Follow-up of Families Enrolled in the EARLI Cohort	\$364,000	Q3.S.H	Drexel University
Prenatal Androgen in Meconium and Early Autism Spectrum Disorder Related Neurodevelopmental Outcomes	\$0	Q3.S.H	Drexel University
Prenatal Polyunsaturated Fatty Acid Levels and Risk of Autism Spectrum Disorders	\$518,857	Q3.S.H	Drexel University
Early life environmental exposures and autism in an existing Swedish birth cohort	\$0	Q3.S.H	Drexel University
Early life vitamin D levels and risk of autism spectrum disorders	\$177,805	Q3.S.H	DREXEL UNIVERSITY
Prenatal PBDE exposure and ASD-related developmental outcomes in the EARLI cohort	\$0	Q3.L.C	Drexel University
Improving Environmental Risk Communication in Autism Spectrum Disorders	\$34,424	Q3.Other	Drexel University
Creating Integrated Healthcare Services for People with Autism Spectrum Disorder	\$35,000	Q5.L.C	Drexel University
Characterizing autism-related intellectual impairment and its genetic mechanisms	\$0	Q1.S.B	Children's Hospital of Philadelphia
MEG/MRS Dose Response Study of STX209 in ASD	\$59,903	Q1.L.A	Children's Hospital of Philadelphia
Development of infant brain MEG responses to social stimuli: comparison to ASD	\$176,278	Q1.L.A	Children's Hospital of Philadelphia
PPAR/SIRT1 PATHWAY IN C. ELEGANS	\$22,740	Q2.S.D	Children's Hospital of Philadelphia
Neural Correlates of the Y Chromosome in Autism: XYY Syndrome as a Genetic Model	\$0	Q2.S.D	Children's Hospital of Philadelphia
Characterizing 22q11.2 abnormalities	\$62,498	Q2.S.D	Children's Hospital of Philadelphia
Simons Variation in Individuals Project (Simons VIP) Functional Imaging Site and Structural Imaging/Phenotyping Site	\$309,295	Q2.S.G	Children's Hospital of Philadelphia
Neurobiological Correlates of Motor Impairment in Children with 16p11.2	\$0	Q2.S.G	Children's Hospital of Philadelphia

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Electrophysiological Signatures of Language Impairment in Autism Spectrum Disord	\$312,853	Q2.Other	Children's Hospital of Philadelphia
Structural and Functional Neuroimaging of the Auditory System in Autism	\$158,038	Q2.Other	Children's Hospital of Philadelphia
Thalamic activity and structure and surface neural oscillations in autism	\$207,016	Q2.Other	Children's Hospital of Philadelphia
The Future of Genomics Medicine in Patient Care: Contributions from CHOP	\$906,296	Q3.L.B	Children's Hospital of Philadelphia
The BUFFET Program: Building Up Food Flexibility and Exposure Treatment	\$0	Q4.Other	Children's Hospital of Philadelphia
Autism Treatment Network - Philadelphia The Children's Hospital of Philadelphia	\$93,260	Q7.N	Children's Hospital of Philadelphia
Developmental-Behavioral Pediatrics Research Network	\$275,000	Q7.N	Children's Hospital of Philadelphia
Collaborative research: Computational behavioral science: Modeling, analysis, and visualization of social and communicative behavior	\$0	Q1.L.B	Carnegie Mellon University
Unreliability of neuronal responses in mouse models of autism	\$62,500	Q2.Other	Carnegie Mellon University
Interactome perturbation by large-scale mutagenesis to find risk variants - Project 2	\$29,831	Q3.Other	Carnegie Mellon University

